

Guidelines For Estimating Swine (23 to 113 kg) Finishing Costs

Based On Marketing 11,527 Pigs Sold

Date: March, 2007

This publication is intended to provide a format and a set of guidelines for determining the cost of production for a finishing 23 - 113 kg enterprise. This type of operation is intended to represent the third stage of a three stage pork system. The three production stages are as follows: first stage - farrow to 5 kg, second stage - weaner pig (nursery) 5 to 23 kg, third stage - grower/finisher 23 kg to market weight. Adjustments will be necessary when applying these figures to your enterprise.

The assumptions on which the costs are based are outlined in the supporting pages. These assumptions were arrived at using the breeding stock, management practices, and facilities seen in modern, well managed swine operations of comparable size in Manitoba. Productivity and performance assumptions are based on information collected by department specialists, feed companies and other organizations. Where individual herd productivity and performance levels differ from those listed adjustments will be required.

The guideline can be useful for comparison purposes. Comparison of costs at different levels of production can be made with other farms, the farm over a period of time or comparing the plan with the actual results at the end of the planning period.

Disclaimer: This budget is only a guide and is not intended as an in depth study of the cost of production of this industry. Interpretation and utilization of this information is the responsibility of the user. If you require assistance with developing your individual budget, please contact your local MAFRI office.

Swine (23 - 113 kg) Finishing Cost of Production

The following 23-113 kg budget is based on the assumption **that all feed rations are purchased**. The budget also include a land investment cost based on the assumption that 160 acres would be required for this size operation, with 140 acres rented out at \$25 per acre.

The budget includes an assumption that 1.5% of the market pigs are sold as lightweight pigs. It is assumed that when light weight pigs are sold, they will have a salvage value. Therefore, total marketings are reduced by 1% to compensate for the lightweight pigs.

The budget includes an assumption that this particular operation is "all-in, all-out" by room. Space allocations for finishing pigs are in accordance with Recommended Code of Practice for the Care and Handling of Farm Animals: Pigs.

The rations illustrated in this budget are examples only. Individual farm conditions should be taken into account when formulating the diets. Producers need to know the feed intakes of their animals. Please consult with a nutritionist for diet information suggestions.

The Manitoba pork production industry profile is changing and this budget was specifically designed to address the need of producers who may want to analyze the cost of starting up or switching to a finishing 23-113 kg operation. Several companies are offering contracts with varying levels of guarantees. Producers need to accurately calculate their costs before they can properly make a decision.

Swine (23-113 kg) Finishing Summary

March, 2007

| | <u>\$/Pig Sold</u> | <u>Total Cost</u> | <u>Your Cost</u> |
|-------------------------------------|------------------------|-----------------------|----------------------|
| A. Operating Costs | | | |
| 1. Feed Costs: | | | |
| 1.01 Grower 1 | \$19.51 | \$224,883 | |
| 1.02 Grower 2 | \$22.10 | \$254,737 | |
| 1.03 Finisher | <u>\$25.62</u> | <u>\$295,311</u> | |
| Total Feed Cost | \$67.23 | \$774,931 | |
| 2. Other Operating Costs: | | | |
| 2.01 Weanling Cost | \$53.09 | \$611,946 | |
| 2.02 Veterinary Medicine & Supplies | \$1.65 | \$19,000 | |
| 2.03 Maintenance & Repairs | \$1.11 | \$12,789 | |
| 2.04 Hydro & Propane | \$2.34 | \$27,000 | |
| 2.05 Insurance | \$1.30 | \$14,969 | |
| 2.06 Manure Costs | \$2.35 | \$27,107 | |
| 2.07 Office Supplies | \$0.10 | \$1,146 | |
| 2.08 Marketing & Transport | \$8.37 | \$96,477 | |
| 2.09 Property Tax | <u>\$0.61</u> | <u>\$7,000</u> | |
| Subtotal Operating Costs | \$138.15 | \$1,592,365 | |
| 2.10 Interest on Operating Costs | <u>\$1.85</u> | <u>\$21,379</u> | |
| Total Operating Costs | \$140.00 | \$1,613,744 | |
| B. Fixed Costs | | | |
| 3. Depreciation: | | | |
| 3.01 Buildings & Manure Storage | \$2.82 | \$32,502 | |
| 3.02 Equipment | <u>\$3.92</u> | <u>\$45,174</u> | |
| Total Depreciation Cost | \$6.74 | \$77,676 | |
| 4. Investment: | | | |
| 4.01 Land | \$0.14 | \$1,600 | |
| 4.02 Buildings & Manure Storage | \$1.36 | \$15,623 | |
| 4.03 Equipment | <u>\$0.97</u> | <u>\$11,154</u> | |
| Total Investment Cost | \$2.46 | \$26,777 | |
| Total Fixed Costs | \$9.20 | \$104,453 | |
| C. Labour | | | |
| Wages, benefits and hired manager | \$4.17 | \$48,048 | |
| Total Cost of Production | \$153.37 | \$1,766,245 | |

Break-Even Price (carcass) ¹

| | <u>\$/100 kg</u> | <u>\$/cwt</u> | |
|--------------------------------|------------------|---------------|--|
| Operating Cost | \$142.21 | \$64.51 | |
| Operating & Labour Cost | \$146.45 | \$66.43 | |
| Operating, Labour & Fixed Cost | \$155.79 | \$70.67 | |

¹ Break-even Price = Cost per Hog Sold + (Slaughter Weight (-shrink) X Dressing Percentage X Index)

Disclaimer: This budget is only a guide and is not intended as an in depth study of the cost of production of this industry. Interpretation and utilization of this information is the responsibility of the user.

Swine (23-113 kg) Finishing Production Cost Assumptions

1. This input table outlines the cost of production for a finishing enterprise
2. Buildings and equipment are valued at new cost.
3. Purchased feed is used.
4. Manure haulage is contracted out.
5. Livestock values are based on a market price for pork of:

| | | | | |
|--------------|-----------------|---------------|------------|--------------|
| | \$145.00 | /100 kg | 110 | Market Index |
| or: | \$0.66 | /lb | 80 | % Dress |
| Premium/head | | | | |
| | | \$2.00 | | |

Indicators of Productivity

| | <u>Grower 1</u> | <u>Grower 2</u> | <u>Finisher</u> | <u>Total</u> |
|-------------------------------|-----------------|-----------------|-----------------|--------------|
| Number of Pigs Purchased | 12,000 | 11,880 | 11,761 | 12,000 |
| Average Beginning Weight (kg) | 23.0 | 50.0 | 80.0 | 23 |
| Average Ending Weight (kg) | 50.0 | 80.0 | 113.0 | 113 |
| Percent Mortality | 1.00 | 1.00 | 1.00 | 3.00 |
| Days on Feed | 36 | 34 | 41 | 111 |
| Feed Conversion Ratio | 2.60 | 2.90 | 3.30 | 2.96 |
| Number of Pigs (Ending) | 11,880 | 11,761 | 11,643 | 11,643 |
| Weight Gain/Pig (kg) | 27.0 | 30.0 | 33.0 | 90.0 |
| Feed Disappearance/Pig (kg) | 70.2 | 87.0 | 108.9 | 266.1 |
| Average Daily Gain (kg) | 0.750 | 0.900 | 0.820 | 0.811 |
| Average Number Pigs in Barn | 3,860 | 3,821 | 3,783 | 3,822 |

Productivity Profile

| | <u>Total</u> | |
|----------------------------------|--------------|-----------------|
| Pigs Purchased | 12,000 | |
| Pigs Died | 360 | 3.0 % mortality |
| Pigs available for marketing | 11,643 | |
| Less Light Weight Pig Adjustment | 116 | 1.00 % |
| Pigs Sold at full market value | 11,527 | |
| Washing and restocking days | 7 | |
| Total Days to Market | 118 | |
| Turnover (365 / days to market) | 3.09 | |

Feed Requirements and Costs

| | <u>FCR *</u> | <u>kg/pig</u> | <u>Purchased</u> | <u>Ration Cost</u> | <u>Home-Mixed</u> |
|---------------|--------------|---------------|------------------|--------------------|-------------------|
| Grower 1 | 2.60 | 70.2 | \$267.00 | \$0.00 | /tonne |
| Grower 2 | 2.90 | 87.0 | \$244.00 | \$0.00 | /tonne |
| Finish Ration | 3.30 | 108.9 | \$226.00 | \$0.00 | /tonne |

* FCR = Feed Conversion Ratio (Feed:Gain)

Labour

| | | | | |
|-------------------------------|---------|------------------|-------|------------|
| Total Hours per year | 66.0 | hours/week | 3,432 | hours/year |
| Wage (includes hired manager) | \$14.00 | /hour (weighted) | | |

Capital Investment¹**4,000 Pig Places**

| | | <u>/sq.ft</u> | <u>Total</u> | <u>/Pig Place</u> | <u>Your Cost</u> |
|---|-------------------------|----------------|--------------------|-------------------|------------------|
| Buildings | | | | | |
| Barn | 36,800 ft. ² | \$17.00 | \$625,600 | \$156.40 | _____ |
| Office & Loading | 200 ft. ² | \$30.00 | \$6,000 | \$1.50 | _____ |
| Standby Generator | | | \$24,000 | \$6.00 | _____ |
| Feed Mill (building only) | | | <u>\$0</u> | <u>\$0.00</u> | _____ |
| Total Building Cost | | | \$655,600 | \$163.90 | _____ |
| Equipment | | | | | |
| Finishing Barn | | | \$470,000 | \$117.50 | _____ |
| Other | | | \$0 | \$0.00 | _____ |
| Fire Alarm System | | | \$1,000 | \$0.25 | _____ |
| Storage Bins | | | \$36,000 | \$9.00 | _____ |
| Feed Mill (equipment only) | | | <u>\$0</u> | <u>\$0.00</u> | _____ |
| Total Equipment Cost | | | \$507,000 | \$126.75 | _____ |
| Total Buildings and Equipment Cost | | | \$1,162,600 | \$290.65 | _____ |
| Land Value | | | | | |
| Land Investment | 20 acres @ | \$500 | \$10,000 | \$2.50 | _____ |
| Other Costs | | | | | |
| Site preparation | | | \$30,000 | \$7.50 | _____ |
| Manure Storage | | | <u>\$60,000</u> | <u>\$15.00</u> | _____ |
| Total Other Costs | | | \$90,000 | \$22.50 | _____ |
| Total Capital Investment | | | \$1,253,100 | \$313.28 | _____ |

¹ FOOTNOTE: The number of square feet in the building and the cost per square foot for buildings and equipment are approximations only. A certified building plan which is designed according to the average inventory of grower-finisher pigs should be used in order to get the exact dimensions and area for new buildings.

NOTE: 1 sq.ft. = 0.0929 sq.m; 1 sq.m. = 10.764 sq.ft.; 1 ft. = 0.3048 m

Feed Ingredient Costs

| | <u>Price/tonne</u> | <u>Your Cost</u> |
|--|--------------------|------------------|
| Wheat | \$170 | _____ |
| Barley | \$160 | _____ |
| Corn | \$170 | _____ |
| Soybean Meal - 47 % | \$280 | _____ |
| Canola Meal - 34 % | \$175 | _____ |
| Peas | \$210 | _____ |
| Creep Premix | \$1,200 | _____ |
| Sow Micro Premix | \$3,000 | _____ |
| Grower Micro Premix | \$2,500 | _____ |
| Canola Oil | \$900 | _____ |
| Whey Powder | \$800 | _____ |
| Herring Meal | \$1,500 | _____ |
| Plasma | \$7,500 | _____ |
| Limestone | \$80 | _____ |
| Dical (16% Ca-21% P) | \$455 | _____ |
| Salt - 96% | \$125 | _____ |
| Phytase | \$10,000 | _____ |
| L-Lysine HCL | \$2,200 | _____ |
| L-Threonine | \$2,600 | _____ |
| DL-Methionine | \$3,600 | _____ |
| Oats - Steam Rolled | \$400 | _____ |
| Processing Cost | | _____ |
| (Hydro, Repairs/Maintenance & Insurance) | \$3.25 | _____ |
| Percent Weight loss due to processing | 1.25 % | _____ |
| Labour Cost | \$4.00 | _____ |

Ration Formulas

| | Grower 1 | Grower 2 | Finisher |
|----------------------|--------------------|--------------------|--------------------|
| | Ration | Ration | Ration |
| | <u>(kg)</u> | <u>(kg)</u> | <u>(kg)</u> |
| Wheat | 532.56 | 372.39 | 220.04 |
| Barley | 183.30 | 268.60 | 408.35 |
| Corn | 0.00 | 0.00 | 0.00 |
| Soybean Meal - 47 % | 158.80 | 45.37 | 0.00 |
| Canola Meal - 34 % | 0.00 | 84.39 | 79.40 |
| Peas | 100.00 | 204.07 | 272.13 |
| Creep Premix | 0.00 | 0.00 | 0.00 |
| Sow Micro Premix | 0.00 | 0.00 | 0.00 |
| Grower Micro Premix | 3.00 | 3.00 | 3.00 |
| Canola Oil | 0.00 | 0.00 | 0.00 |
| Whey Powder | 0.00 | 0.00 | 0.00 |
| Herring Meal | 0.00 | 0.00 | 0.00 |
| Plasma | 0.00 | 0.00 | 0.00 |
| Limestone | 12.21 | 11.71 | 10.38 |
| Dical (16% Ca-21% P) | 4.85 | 5.38 | 2.84 |
| Salt - 96% | 3.50 | 3.50 | 3.50 |
| Phytase | 0.20 | 0.20 | 0.20 |
| L-Lysine HCL | 1.36 | 1.36 | 0.00 |
| L-Threonine | 0.09 | 0.00 | 0.02 |
| DL-Methionine | 0.13 | 0.03 | 0.14 |
| Oats - Steam Rolled | 0.00 | 0.00 | 0.00 |
| Total | 1,000.00 | 1,000.00 | 1,000.00 |

Feed Requirement and Cost Summary

| | Amount | Ingredient Price | Ration Cost | Your Cost |
|--------------------------|--------------------|-------------------------|--------------------|------------------|
| | (kg) | (\$ /tonne) | (\$ /tonne) | |
| Grower 1 | | | | |
| Wheat | 532.56 | \$170.00 | \$90.54 | |
| Barley | 183.30 | \$160.00 | \$29.33 | |
| Soybean Meal - 47 % | 158.80 | \$280.00 | \$44.46 | |
| Peas | 100.00 | \$210.00 | \$21.00 | |
| Grower Micro Premix | 3.00 | \$2,500.00 | \$7.50 | |
| Limestone | 12.21 | \$80.00 | \$0.98 | |
| Dical (16% Ca-21% P) | 4.85 | \$455.00 | \$2.21 | |
| Salt - 96% | 3.50 | \$125.00 | \$0.44 | |
| Phytase | 0.20 | \$10,000.00 | \$2.00 | |
| L-Lysine HCL | 1.36 | \$2,200.00 | \$2.99 | |
| L-Threonine | 0.09 | \$2,600.00 | \$0.23 | |
| DL-Methionine | 0.13 | \$3,600.00 | \$0.47 | |
| Total | 1,000.00 kg | | \$202.15 | |
| Adjusted For Weight Loss | | 1.25 % | \$204.68 | |
| Plus Processing Cost | | \$3.25 | \$207.93 | |
| Plus Labour Cost | | \$4.00 | \$211.93 | |
| Grower 2 | | | | |
| Wheat | 372.39 | \$170.00 | \$63.31 | |
| Barley | 268.60 | \$160.00 | \$42.98 | |
| Soybean Meal - 47 % | 45.37 | \$280.00 | \$12.70 | |
| Canola Meal - 34 % | 84.39 | \$175.00 | \$14.77 | |
| Peas | 204.07 | \$210.00 | \$42.85 | |
| Grower Micro Premix | 3.00 | \$2,500.00 | \$7.50 | |
| Limestone | 11.71 | \$80.00 | \$0.94 | |
| Dical (16% Ca-21% P) | 5.38 | \$455.00 | \$2.45 | |
| Salt - 96% | 3.50 | \$125.00 | \$0.44 | |
| Phytase | 0.20 | \$10,000.00 | \$2.00 | |
| L-Lysine HCL | 1.36 | \$2,200.00 | \$2.99 | |
| DL-Methionine | 0.03 | \$3,600.00 | \$0.11 | |
| Total | 1,000.00 kg | | \$193.04 | |
| Adjusted For Weight Loss | | 1.25 % | \$195.45 | |
| Plus Processing Cost | | \$3.25 | \$198.70 | |
| Plus Labour Cost | | \$4.00 | \$202.70 | |

Finisher Ration:

| | | | | |
|--------------------------|--------------------|-------------|-----------------|--|
| Wheat | 220.04 | \$170.00 | \$37.41 | |
| Barley | 408.35 | \$160.00 | \$65.34 | |
| Canola Meal - 34 % | 79.40 | \$175.00 | \$13.90 | |
| Peas | 272.13 | \$210.00 | \$57.15 | |
| Grower Micro Premix | 3.00 | \$2,500.00 | \$7.50 | |
| Limestone | 10.38 | \$80.00 | \$0.83 | |
| Dical (16% Ca-21% P) | 2.84 | \$455.00 | \$1.29 | |
| Salt - 96% | 3.50 | \$125.00 | \$0.44 | |
| Phytase | 0.20 | \$10,000.00 | \$2.00 | |
| L-Threonine | 0.02 | \$2,600.00 | \$0.05 | |
| DL-Methionine | 0.14 | \$3,600.00 | \$0.50 | |
| Total | 1,000.00 kg | | \$186.41 | |
| Adjusted For Weight Loss | | 1.25 % | \$188.74 | |
| Plus Processing Cost | | \$3.25 | \$191.99 | |
| Plus Labour Cost | | \$4.00 | \$195.99 | |

Swine Finishing Production Cost Worksheet

A. Operating Costs

Your Cost

1. Feed Requirements and Costs

1.01 Grower 1

| | | | |
|---|----------------|-----------------------|-------|
| | 27.0 | kg weight gain/pig | _____ |
| x | 2.6 | feed conversion ratio | _____ |
| = | 70.2 | kg ration/pig | _____ |
| x | \$267.00 | /tonne ration | _____ |
| ÷ | 1,000 | kg/tonne | _____ |
| x | 12,000 | weanlings purchased | _____ |
| ÷ | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$19.51 | /pig sold | _____ |

1.02 Grower 2

| | | | |
|---|----------------|-----------------------|-------|
| | 30.0 | kg weight gain/pig | _____ |
| x | 2.9 | feed conversion ratio | _____ |
| = | 87.0 | kg ration/pig | _____ |
| x | \$244.00 | /tonne ration | _____ |
| ÷ | 1,000 | kg/tonne | _____ |
| x | 12,000 | weanlings purchased | _____ |
| ÷ | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$22.10 | /pig sold | _____ |

1.03 Finisher Ration

| | | | |
|---|----------------|-----------------------|-------|
| | 33.0 | kg weight gain/pig | _____ |
| x | 3.3 | feed conversion ratio | _____ |
| = | 108.9 | kg ration/pig | _____ |
| x | \$226.00 | /tonne ration | _____ |
| ÷ | 1,000 | kg/tonne | _____ |
| x | 12,000 | weanlings purchased | _____ |
| ÷ | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$25.62 | /pig sold | _____ |

2. Other Operating Costs

2.01 Weanling Cost

| | | | |
|---|----------------|---------------------|-------|
| | \$60.00 | market price | _____ |
| ÷ | 100 | lbs/cwt | _____ |
| x | 50 | lbs | _____ |
| x | 1.7 | formula factor | _____ |
| x | 12,000 | weanlings purchased | _____ |
| ÷ | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$53.09 | /pig sold | _____ |

2.02 Veterinary Cost

| | | | |
|---|---------------|-----------------------|-------|
| | \$1,000.00 | professional services | _____ |
| + | \$18,000.00 | medication | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$1.65 | /pig sold | _____ |

2.03 Maintenance & Repairs

| | | | |
|---|---------------|------------------------------------|-------|
| | 1.10 | % of total capital investment | _____ |
| x | \$1,162,600 | total buildings and equipment cost | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$1.11 | /pig sold | _____ |

2.04 Utilities

| | | | |
|---|---------------|------------------|-------|
| | \$22,000 | hydro | _____ |
| + | \$5,000 | propane | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$2.34 | /pig sold | _____ |

2.05 Insurance

| | | | |
|---|---------------|-----------------------|-------|
| | \$1,162,600 | buildings & equipment | _____ |
| x | \$0.78 | /\$100 | _____ |
| + | 100 | /\$100 capital | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$0.79 | /pig sold | _____ |

| | | | |
|---|---------------|-----------------------------|-------|
| | 3,822 | average number pigs in barn | _____ |
| x | \$140.00 | average value | _____ |
| x | \$0.88 | /\$100 | _____ |
| + | 100 | /\$100 capital | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$0.41 | /pig sold | _____ |

| | | | |
|---|---------------|------------------------|-------|
| | \$40.00 | insured value | _____ |
| x | 3,822 | average number in barn | _____ |
| x | \$0.78 | rate /\$100 | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$0.10 | /pig sold | _____ |

| | | | |
|---|---------------|------------------|-------|
| = | \$1.30 | /pig sold | _____ |
|---|---------------|------------------|-------|

2.06 Manure Costs

| | | | |
|---------|---------------|---------------------------|-------|
| Haulage | 7.1 | litres/pig/day | _____ |
| x | 365 | days/year | _____ |
| x | 3,822 | average inventory of pigs | _____ |
| x | \$0.002 | /litre | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$1.72 | /pig sold | _____ |

Odour control & Mgmt Fees

| | | | |
|--------------|---------------|------------------|-------|
| | \$7,300 | total cost | _____ |
| | <u>11,527</u> | <u>pigs sold</u> | _____ |
| | \$0.63 | /pig sold | _____ |
| Total | \$2.35 | /pig sold | _____ |

2.07 Office Supplies

| | | | |
|---|---------------|------------------|-------|
| | \$0.30 | /pig place | _____ |
| x | 3,822 | pig places | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$0.10 | /pig sold | _____ |

2.08 Marketing & Transportation

| | | | |
|---|---------------|---------------------|-------|
| | \$3.50 | trucking in | _____ |
| + | \$3.70 | trucking out | _____ |
| + | \$0.80 | council levy | _____ |
| + | \$0.12 | grading charge | _____ |
| + | \$0.25 | insurance | _____ |
| + | <u>\$0.00</u> | <u>Special levy</u> | _____ |
| = | \$8.37 | /pig sold | _____ |

2.09 Property Taxes

| | | | |
|---|---------------|------------------|-------|
| | \$7,000 | taxes | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | \$0.61 | /pig sold | _____ |

2.10 Interest on Operating Cost

| | | | |
|---|---------------|-------------------------|-------|
| | \$53.09 | weaner cost | _____ |
| x | 118 | total days to market | _____ |
| x | 6.0 | % operating rate | _____ |
| + | <u>365</u> | <u>days/year</u> | _____ |
| = | \$1.03 | /pig sold | _____ |
| | \$138.15 | subtotal operating cost | _____ |
| - | \$53.09 | weaner cost | _____ |
| + | 2 | average | _____ |
| x | 118 | total days to market | _____ |
| + | 365 | days/year | _____ |
| x | <u>6.0</u> | <u>% operating rate</u> | _____ |
| = | \$0.82 | /pig sold | _____ |
| = | \$1.85 | /pig sold | _____ |

B. Fixed Costs**3. Depreciation**

$$\frac{\text{Original cost - Salvage Value}}{\text{Useful Life}}$$

3.01 Buildings

| | | | |
|---|---------------|--|-------|
| | \$715,600 | total building cost (including earthen manure storage) | _____ |
| - | \$65,560 | salvage value (building only) | _____ |
| ÷ | 20 | years useful life | _____ |
| ÷ | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | 2.82 | /pig sold | _____ |

3.02 Equipment

| | | | |
|---|---------------|----------------------|-------|
| | \$507,000 | total equipment cost | _____ |
| - | \$50,700 | salvage value | _____ |
| ÷ | 10 | years useful life | _____ |
| ÷ | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | 3.92 | /pig sold | _____ |

4. Investment Cost

$$\frac{(\text{Original Cost} + \text{Salvage Value})}{2} \times \text{Investment Rate}$$

4.01 Land

| | | | |
|---|---------------|-------------------|-------|
| | \$10,000 | land investment | _____ |
| + | \$30,000 | site preparation | _____ |
| x | 4.0 | % investment rate | _____ |
| ÷ | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | 0.14 | /pig sold | _____ |

4.02 Buildings

| | | | |
|---|---------------|--|-------|
| | \$715,600 | total building cost (including earthen manure storage) | _____ |
| + | \$65,560 | salvage value (building only) | _____ |
| ÷ | 2 | average | _____ |
| x | 4.0 | % investment rate | _____ |
| ÷ | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | 1.36 | /pig sold | _____ |

4.03 Equipment

| | | | |
|---|---------------|----------------------|-------|
| | \$507,000 | total equipment cost | _____ |
| + | \$50,700 | salvage value | _____ |
| + | 2 | average | _____ |
| x | 4.0 | % investment rate | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | 0.97 | /pig sold | _____ |

5. Labour Cost

| | | | |
|---|---------------|------------------|-------|
| | 3432 | total hours/year | _____ |
| x | \$14.00 | /hour | _____ |
| + | <u>11,527</u> | <u>pigs sold</u> | _____ |
| = | 4.17 | /pig sold | _____ |

Summary of Purchased Feeds Used
11,643 Pigs available for marketing (includes lightweights)

| | Total per Pig Mkt (kgs) | Total per Year (tonnes) | Total per Month (tonnes) | Total per Pig Mkt (lbs) |
|---------------|--|--|---|--|
| Grower 1 | 70.20 | 817.34 | 68.11 | 154.76 |
| Grower 2 | 87.00 | 1,012.94 | 84.41 | 191.80 |
| Finish Ration | <u>108.90</u> | <u>1,267.92</u> | <u>105.66</u> | <u>240.08</u> |
| Total | 266.10 | 3,098.20 | 258.18 | 586.64 |

Summary of Home Mixed Feed Ingredients Used

| | Total per Pig (kgs) | Total per Year (tonnes) | Total per Month (tonnes) | Total per Pig (lbs) |
|----------------------|------------------------------------|--|---|------------------------------------|
| Wheat | 0.00 | 0.00 | 0.00 | 0.00 |
| Barley | 0.00 | 0.00 | 0.00 | 0.00 |
| Corn | 0.00 | 0.00 | 0.00 | 0.00 |
| Soybean Meal - 47 % | 0.00 | 0.00 | 0.00 | 0.00 |
| Canola Meal - 34 % | 0.00 | 0.00 | 0.00 | 0.00 |
| Peas | 0.00 | 0.00 | 0.00 | 0.00 |
| Creep Premix | 0.00 | 0.00 | 0.00 | 0.00 |
| Sow Micro Premix | 0.00 | 0.00 | 0.00 | 0.00 |
| Grower Micro Premix | 0.00 | 0.00 | 0.00 | 0.00 |
| Canola Oil | 0.00 | 0.00 | 0.00 | 0.00 |
| Whey Powder | 0.00 | 0.00 | 0.00 | 0.00 |
| Herring Meal | 0.00 | 0.00 | 0.00 | 0.00 |
| Plasma | 0.00 | 0.00 | 0.00 | 0.00 |
| Limestone | 0.00 | 0.00 | 0.00 | 0.00 |
| Dical (16% Ca-21% P) | 0.00 | 0.00 | 0.00 | 0.00 |
| Salt - 96% | 0.00 | 0.00 | 0.00 | 0.00 |
| Phytase | 0.00 | 0.00 | 0.00 | 0.00 |
| L-Lysine HCL | 0.00 | 0.00 | 0.00 | 0.00 |
| L-Threonine | 0.00 | 0.00 | 0.00 | 0.00 |
| DL-Methionine | 0.00 | 0.00 | 0.00 | 0.00 |
| Oats - Steam Rolled | <u>0.00</u> | <u>0.00</u> | <u>0.00</u> | <u>0.00</u> |
| Total | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 266.10 | 3,098.20 | 258.18 | 586.64 |

For further information contact your local MAFRI office.

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GROWING **Opportunities.**